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(54) **EXTENSIBLE AND PROGRAMMABLE MULTI-TENANT SERVICE ARCHITECTURE**

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(57) **ABSTRACT**
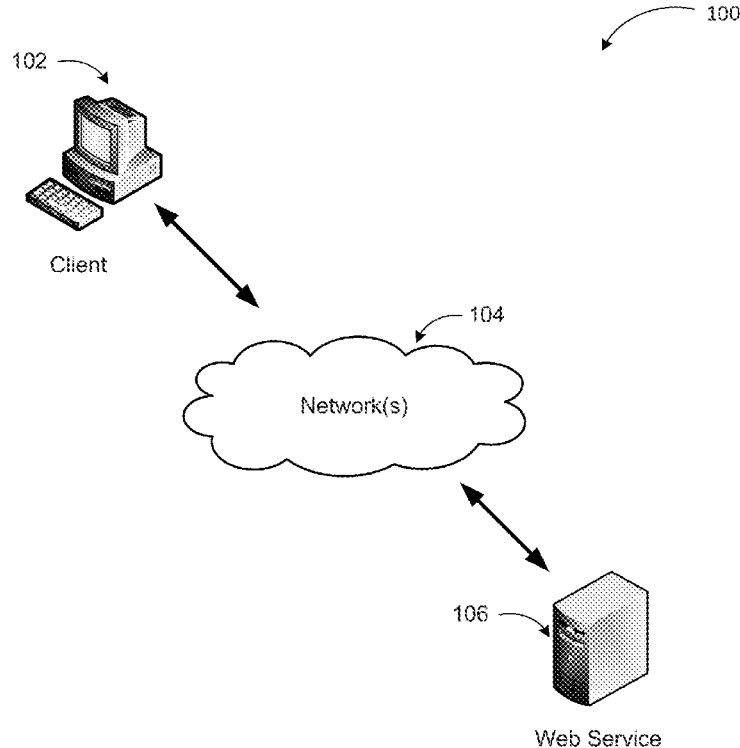
An extensible, multi-tenant software-as-a-service business application platform is provided for hosting multiple organizations. Organization services are provided by virtual or physical servers with dedicated data stores assembled in scalable groups. Distributed interaction between components of the scalable groups may enable extensibility and reliability, while changes in locations of organization services are provided to the client(s) for seamless continuation of the client's access to the services. Customizable and dynamic APIs for accessing each organization's data and applications isolated from the others and pluggable third party authentication services may also be integrated into the platform.

EXAMPLE SINGLE TENANT
SERVICE MODEL